ENVIRONMENTAL CAUSES OF CANCER
FOCUS OF NATIONAL SYMPOSIUM AT MSU

Cancer-causing materials in the environment -- including those of foodstuffs, pesticides, metals, and coal conversion by-products -- will be the focus of a national symposium to be held May 21-23 at Michigan State University.

Twenty-three eminent cancer researchers, public health and environmental experts from the United States, England and Canada will participate.

To be held in the Kellogg Center for Continuing Education, the conference will start at 7 p.m. Sunday, May 21 with registration and a reception, and adjourn at 4 p.m. Tuesday, May 23.

It will begin with an assessment of research techniques currently in use and the mechanisms by which certain chemicals may cause cancer.

Available test systems for predicting carcinogenicity will be discussed, including those employing bacteria, cultured cells from mammals, and test systems using whole animals. Whether data obtain from these test systems can be extrapolated to humans also will be examined.

Cancer-causing agents themselves will be the central theme of the second phase of the symposium, opening with epidemiological approaches to identifying carcinogens in the environment.

Governmental approaches on state and federal levels to prevent human exposure to cancer-causing agents in the environment will be the concluding topic.

Sponsors are MSU's three medical schools -- the College of Osteopathic Medicine, College of Human Medicine, and College of Veterinary Medicine -- the Basic Science Cancer Research Group and MSU's Office of Development.

Chairpersons for the symposium include Veronica M. Maher, Ph.D., and J. Justin McCormick, Ph.D., codirectors of the Carcinogenesis Laboratory of the College of Osteopathic Medicine, and Jay I. Goodman, Ph.D., associate professor of pharmacology at MSU.

Program participants include:

--Arlene Blum, Ph.D., assistant research biochemist, Department of Biochemistry, University of California at Berkeley
--Cipriano Cueto, Ph.D., acting chief, Toxicology Branch, Carcinogenesis Testing Program, Division of Cancer Cause and Prevention, National Cancer Institute

(Continued)
NATIONAL SYMPOSIUM (continued)

--Robert B. Cumming, Ph.D., research staff scientist, Biology Division, Oak Ridge National Laboratory
--Arthur Furst, Ph.D., director, Institute of Chemical Biology, University of San Francisco
--Philip L. Grover, Ph.D., senior staff scientist, Institute of Cancer Research, Royal Cancer Hospital, Chester Beatty Research Institute, London, England
--Clark W. Heath Jr., M.D., director, Chronic Diseases Division, Bureau of Epidemiology, Department of Health, Education and Welfare Center for Disease Control
--Steven D. Jelinek, assistant administrator for toxic substances, Environmental Protection Agency
--Hans W. J. Marquardt, M.D., associate member and professor of pharmacology, Memorial Sloan-Kettering Cancer Center
--Elizabeth C. Miller, Ph.D., professor, Department of Oncology, McArdle Laboratory for Cancer Research, University of Wisconsin
--Sidney Mirvish, Ph.D., professor, Eppley Institute for Research in Cancer, University of Nebraska Medical Center
--D.F.S. Natusch, Ph.D., acting chairman, Department of Chemistry, Colorado State University
--Norbert P. Page, D.V.M., chief, Priorities and Research Analysis Branch, Division of Criteria Documentation and Standards Development, National Institute of Environmental Health Sciences
--Frederick J. deSerres, Ph.D., associate director of genetics, National Institute of Environmental Health Sciences
--Louis Siminovitch, Ph.D., professor and chairman, Department of Medical Genetics, University of Toronto
--Hans F. Stich, Ph.D., professor of medical genetics and acting director, Cancer Research Center, Department of Medical Genetics, University of British Columbia
--Kenneth R. Wilcox Jr., M.D., chief, Bureau of Disease Control and Laboratory Services, Michigan Department of Public Health
--Gerald Wogan, Ph.D., professor, Department of Nutrition and Food Science, Massachusetts Institute of Technology.

Members of the MSU Basic Science Cancer Research Group who will chair various discussions will include Barnett Rosenberg, Ph.D., professor of biophysics; Clifford W. Welsch, Ph.D., professor of anatomy; and James E. Trosko, Ph.D., professor of human development, as well as Drs. Maher, McCormick, and Goodman.

Application has been made for 15 hours of Category II continuing medical education credits for D.O. physicians, and 15 hours of Category I continuing medical education credit for M.D. physicians.

The regular registration fee, including luncheons Monday and Tuesday, is $18. Student registration fee, excluding luncheons, is $5. For further information, contact the Kellogg Center for Continuing Education.

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FABULOUS FREAKY FEE FOLLIES:
MAY 19

The Fee Follies, the traditional farewell party thrown for and by second-year students before they enter their clinical rotations, will be held this year on Friday, May 19.

Including comedy acts, skits, music and general pandemonium, the Follies will begin at 7:30 p.m.

Anyone -- students, faculty or staff -- interested in participating in the program should contact Jim Balger (882-0561), Caryl Heaton (349-2386) or Jeff Kyff (351-0125).

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MSU-COM FACULTY SPOUSES' PLANNING SESSION

The MSU-COM Faculty Spouses held a planning meeting April 26 at the home of Mrs. Roy Harvey to finalize the organization's bylaws and to arrange future activities.

Details on the Faculty Spouses' get-acquainted summer picnic will be available in the next "Communique."

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UAAO PLANS BOTH ACADEMIC AND SKILLS PROGRAMS

The Undergraduate American Academy of Osteopathy, an educational service organization which focuses on the manipulative and holistic aspects of osteopathic medicine, has a number of programs planned for May and June:

-- Monday, May 8: Gary Campbell, D.O., associate professor of family medicine, will discuss the use of OM T to regularly supplement drug therapy in C110 Fee at 12:30 p.m.

-- Wednesday, May 17: Students Connie Cashen and Donna Edison will present techniques from the 1978 Academic convention in C102 Fee at 12:30 p.m.

-- Thursday, May 25, and Wednesday, May 31: Focal problems workshops will provide opportunity for working on difficult concepts taught in OM T classes, hand-on experience, and preparation for practical exams. These courses, with instructor present, will be at 12:30 p.m. in C102 Fee.

-- Wednesday, May 24: Robert C. Ward, D.O., will discuss the indirect technique and "points of ease" from 8 to 10 p.m. at his home.

-- June 12, 13, 14: Annual seminar of the Cranial Academy on "Bioenergies" will be held at MSU.

-- Summer term: A series on the birth process will coincide with instruction on the growth and development system.
PEDIATRIC IMMUNOLOGY:
CME PROGRAM AT KELLOGG MAY 20-21

Immunology in children will be the focus of a continuing medical education conference May 20-21 sponsored by the Michigan State University Department of Osteopathic Medicine.

Held at the Kellogg Center for Continuing Education, the program for physicians will include a review of basic concepts and pertinent clinical information in pediatric immunology.

The seminar will last from noon to 5 p.m. Saturday and 9 a.m. to 5 p.m. Sunday.

Topics for discussion will include the development of the immune system, genetics and the immune response genes, humoral and cellular immunity, and the complement system. Other subjects will include granulocytes, monocytes, and lymphocytes, laboratory tests, the neonatal inflammatory response, neonatal infections, new vaccines, and disease and disorders of phagocyte function, of the complement system and of B and T cell function.

Program chairman are Kenneth Mahoney, D.O., associate professor of osteopathic medicine, and Franklin J. Schneiderman, D.O., professor of osteopathic medicine.

Faculty for the seminar include Donald C. Anderson, M.D., assistant professor of human development; Jeffery N. Bruner, D.O., Zieger-Botsford Hospital; Harold C. Miller, Ph.D., associate professor of microbiology and public health; Maria J. Patterson, Ph.D., associate professor of microbiology and public health; Ronald J. Patterson, Ph.D., associate professor of microbiology and public health; C. Wayne Smith, M.D., associate professor of anatomy; and Martin A. Wedge, D.O., clinical assistant professor of osteopathic medicine.

Eleven hours of Category I continuing medical education credit have been tentatively approved by the American Osteopathic Association and requested from the Michigan Board of Osteopathic Medicine and Surgery.

For further information or registration, contact Ann Tsiminakis, 353-7822.

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STUDENT AUXILIARY CLOSES YEAR WITH
FASHION SHOW, DESSERT BUFFET

A fashion show of home-sewn clothing, a dessert buffet and installation of new officers will highlight the May meeting of the Student Associate Auxiliary.

Outgoing president Kristie Bair urged all student spouses to attend the event, which will be held at 7:30 p.m., Thursday, May 18, in Pebblecreek Clubhouse, East Lansing.

New officers to be installed include Kristine Schultz, president; Kate Larkin, vice president; Pam Sherrill, treasurer; Barbara Galarneau, corresponding secretary; and Jan Donnelly, recording secretary.

Guests will include Janet Lyons, national adviser from the Auxiliary to the American Osteopathic Association, and Michigan AAOA officers.
MONDAY, MAY 8, 1978

11:30 a.m. Biochemistry: "Regulation and Reconstitution of Amino Acid Transport" by Dale Oxender, University of Michigan. 101 Biochemistry.

12:30 p.m. UAAO program: "CMT at Waterville" by Gary Campbell, D.O. E106 Fee.


TUESDAY, MAY 9, 1978

12:30 p.m. Microbiology: "Thy-1 Antigen: Characterization of a T-lymphocyte Membrane Differentiation Antigen" by Walter J. Esselman. 146 Giltner.

4 p.m. Pharmacology: "Role of 5-HT in the Mechanism of Action of Benzodiazepines" by C. Kilts. B449 Life Sciences.

WEDNESDAY, MAY 10, 1978

11:30 a.m. Faculty Development Program: "Reactions, Responses and Evaluation of an Innovative Teaching Program" by David D. Starks, University of Michigan. E2 Fee.

12 p.m. Internship program at Memorial General Hospital, Union, New Jersey. Lobby near Fee Grill.

12:30 p.m. Wellcome lecture: "How Risky is Weight Loss?" by George A. Bray, UCLA School of Medicine. Life Sciences Auditorium.

3:30 p.m. Wellcome lecture: "Myth of Diet in the Management of Obesity" by George A. Bray. 100 Engineering.


7:30 p.m. Medical Humanities Seminar: "Ethics in Medical and Nursing Education" by Robert M. Veatch, Institute of Society, Ethics and Life Sciences. C106 Holmes Hall.

THURSDAY, MAY 11, 1978

12 p.m. Army Scholarship Program by Captain Dale Thornton, AMEDD Personnel Counselor. Lobby near Fee Grill.

1 p.m. Wellcome lecture: "The Mystery of the Obese Mouse: How to Get Fat Without Overeating" by George A. Bray. 101 Biochemistry.

FRIDAY, MAY 12, 1978

12:10 p.m. "The Other Doctor," a film featuring MSU-COM. E106 Fee.
MONDAY, MAY 15, 1978
11:30 a.m. Biochemistry: "The Signal Hypothesis" by Gunther Blobel, Rockefeller University. 101 Biochemistry.
4 p.m. Physiology: "Eccrine Sweat Gland Activity in the Raccoon (Procyon lotor)" by Mike Steinmetz. 105 S. Kedzie.

TUESDAY, MAY 16, 1978
1:30 p.m. "The Privileged Class Revisited -- Your Stethoscope in a Crystal Ball" by Russell G. Mawby, president of the Kellogg Foundation. E106 Fee.
4 p.m. Pharmacology: Lecture by W. Kluwe. B449 Life Sciences.

WEDNESDAY, MAY 17, 1978
12:30 p.m. UAAO: "Techniques from the 1978 Convention of the American Academy of Osteopathy" by Connie Cashen, second-year student, and Donna Edison, first-year student. C102 Fee.

THURSDAY, MAY 18, 1978
7:30 p.m. Student Associates Auxiliary: fashion show, installation of officers, dessert buffet. Pebblecreek Clubhouse.

FRIDAY, MAY 19, 1978
7:30 p.m. Annual Fee Follies. Comedy, skits, music for students, faculty, staff and friends of the College. Fee Hall.

SATURDAY, MAY 20, 1978

SUNDAY, MAY 21, 1978

COMMUNIQUÉ

Please use this form for submission of material for the biweekly College of Osteopathic Medicine Communiqué.

Items might include achievements and activities of College personnel such as honors and awards, publications, papers, professional offices, and participation in programs and committees.

The form may also be used for items for the Calendar of Events, suggestions for feature stories, updating of programs, and provision of any other information that might be pertinent for publication in the newsletter.

The editors and editorial advisory committee retain the right to edit or exclude any material.

Please print or type, and do not include any information that is more than one month old.

Date of submission __________________

Name ____________________________ Highest degree _______________________

Position __________________________

Address __________________________ Phone __________________________

CALENDAR ITEMS

Date ____________________________ Time __________________________

Event ____________________________

Sponsor __________________________

Location __________________________

Other information __________________________

NEWS ITEMS OR FEATURE SUGGESTIONS __________________________

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PLEASE RETURN TO the Health and Medicine Section, Information Services, A331 East Fee, Michigan State University, East Lansing, MI 48824. For assistance call 517/353-0820.
NATIONAL AUTHORITY
ON MEDICAL ETHICS
TO VISIT MSU

One of the nation's leading authorities on medical ethics, death and dying, and other issues in medicine and health policy, Dr. Robert M. Veatch will visit Michigan State University on May 10 and 11 for two lectures and meetings with students and faculty.

Dr. Veatch is senior associate and staff director of the research group on death and dying at the Institute of Society, Ethics and the Life Sciences at Hastings-on-Hudson, New York.

He is author of some 70 journal articles and nine books, including *Death, Dying and Biological Revolution* (Yale 1976) and *Case Studies in Medical Ethics* (Harvard 1977). Sponsors of his MSU stay are the Medical Humanities Program and the Department of Philosophy.

Dr. Veatch will address an evening seminar on "Teaching Ethics in Medical and Nursing Schools" at 7:30 p.m., Wednesday, May 9. The program will be held in Room C106 at Holmes Hall. Earlier he plans to meet with a group of Honors College students and other undergraduate students for informal discussion.

On Thursday, May 11 he will speak on "Ethical Issues in Health Policy" at a noontime gathering of MSU health professions students in the Life Sciences Auditorium. The program runs from 12:30 to 1:30 p.m.

Also on his agenda will be a session with the policy board of the MSU Medical Humanities Program. Coordinator of the newly instituted program is Dr. Andrew D. Hunt, former dean of the MSU College of Human Medicine. Assistant coordinator is Dr. Martin Benjamin, associate professor of philosophy.

Dr. Veatch earned a Ph.D. in religion and society (medical ethics) at Harvard in 1971, where earlier he received a B.D. degree at the Divinity School. He has held visiting faculty positions at Brown, Vassar, Dartmouth, and Manhattan College, and has been a research associate in medicine at Columbia University, a teaching fellow at Harvard, and a Peace Corps Training Program instructor.

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HOSPITAL AND ARMY VISITATIONS
WITH STUDENTS MAY 10 AND 11

Hospital and Army visitations with students will be held May 10 and 11 in the lobby area adjacent to the Fee Hall Grill.

Representatives of Memorial General Hospital, Union, New Jersey — including Liz Lee, director of community relations, and MSU-COM alumni Charles Faber, D.O., resident, and Howard Schoenfeld, D.O., staff physician, will be available to discuss internships at the hospital from 12 to 1:30 p.m., Wednesday, May 10.

On Thursday, May 11, from noon to 1 p.m., Captain Dale Thornton, AMEDD Personnel Counselor from Ann Arbor will be available to discuss the Army Scholarship Program with students.

For further information on either visitation, contact Mary Anderson, administrative assistant, Office of Student Affairs, A339 E. Fee.
1977 CONVOCATION SPEAKER
TO MEET WITH STUDENTS MAY 16

1977 convocation speaker Russell G. Mawby, Ph.D., president of the W. K. Kellogg Foundation, will be returning to speak with students in the College of Osteopathic Medicine.

Mawby will make his presentation "The Privileged Class Revisited -- Your Stethoscope in a Crystal Ball" from 1:30 to 3:30 p.m., Tuesday, May 16, in E06 Fee Hall.

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MSU PATHOLOGY DEPARTMENT HOSTS
SOCIETY OF PATHOLOGISTS ON MAY 13

Frederick T. Krause, director of laboratory medicine and surgical pathology at St. John's Mercy Hospital, St. Louis, Missouri, will be the featured speaker at the May 13 meeting of the Michigan Society of Pathologists. His subject will be "Obstetrics-Gynecology Pathology." Site for the 1:30 - 5 p.m. program is the Life Sciences Auditorium.

Acting as hosts will be faculty in MSU's Department of Pathology. John Dunkel, M.D., associate professor of pathology, is in charge of arrangements.

***

WELCOME VISITING PROFESSOR TO DISCUSS
RISKS OF WEIGHT LOSS WITH MEDICAL STUDENTS

An informal discussion with the Wellcome Visiting Professor in Nutrition will be open to medical and nursing students on Wednesday, March 10, in Life Sciences Auditorium.

George A. Bray, professor of medicine at the UCLA School of Medicine, will meet with the students following his presentation on "How Risky is Weight Loss?" from 12:30 to 1:30 p.m.

Dr. Bray will make two other presentations -- "The Myth of Diet in the Management of Obesity" at 3:30 p.m., May 10, in 100 Engineering, and "The Mystery of the Obese Mouse: How to Get Fat Without Overeating" at 1 p.m., May 11, in 101 Biochemistry.

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"THE OTHER DOCTOR" TO BE SHOWN
MAY 12 IN FEE HALL

"The Other Doctor," a nationally-distributed half-hour film shot largely at the MSU College of Osteopathic Medicine, will be shown to interested persons via cable TV at 12:10 p.m., Friday, May 12, in E06 Fee Hall.

Produced and distributed by the American Osteopathic Association, the film's premiere Michigan showing was at the College in February.

The College owns a copy of the film, which may be borrowed at no charge from Health and Medicine Information, A331 E. Fee. Contact Pat Grauer, 517-353-0820.
DEPARTMENT OF PSYCHIATRY TO DEVELOP PROGRAM
IN ADOLESCENT COMMUNITY PSYCHIATRY THIS FALL

The Department of Psychiatry will initiate a two-year training program in
child and adolescent community psychiatry during Fall 1978.

The program will include three geographic regional training units in Grand
Rapids, Lansing, and Pontiac affiliated with the university and having board-
certified programs. A centralized didactic curriculum will be offered on
the MSU campus one day a week.

Inquiries should be made to Gaston E. Blom, M.D., MSU Child Psychiatry
Training Director, East Fee Hall, MSU, East Lansing, Michigan, 48824.

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TWO ATTEND MAJOR SIGMA SIGMA PHI MEETING

First-year student Kevin O'Connell, Ph.D., and Roy Harvey, D.O., professor
of family medicine, attending a meeting of the board of directors of Sigma
Sigma Phi osteopathic fraternity held recently in Chicago.

At the meeting they presented the semi-annual report on chapter activities,
discussed activities to other chapters, and received a $100 donation from
Pat Paterson of Marion Labs of Chicago to assist in the formation of a mailing
list of all members.

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MSU-COM MUGS FOR SALE

Large mugs bearing the MSU-COM seal are available for sale in the Office of
the Associate Dean for Academic Affairs, A309 E. Fee Hall.

The 15-ounce glass mugs, sold by the Student Associate Auxiliary, are $3 each
or two for $5.

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MSU-COM YEARBOOK PROGRESSING

Work has been progressing steadily on the College's first yearbook, Curans
Manús, due for publication May 1979. The staff has been selling advertising,
organizing the book, and doing photography. At present, a 9 x 12 book of
200 pages or more is planned, according to Inez Slabaugh, editor

Persons interested in supporting the yearbook may send sponsor or patron
donations payable to Curans Manús in care of the MSU-COM Office of Student
Affairs, A339 E. Fee. Support may include:

--Silver Sponsor status (your name in book in 10 point type size) -
donation less than $20.
--Gold Patron status (your name in book in 14-point type) - donation
of $20 or more.
--Copies of the yearbook may be ordered at $15 each.
--The book may be inscribed with your name for an extra $2. (Gold patron
inscriptions are free. Persons should indicate how they would like the
inscription.)

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He also discussed "Surgical Approach to Malignancies of the Skin" April 15 at the meeting of the American Osteopathic College of Dermatology and Michigan Osteopathic Society of Dermatology in Pontiac, and "An Overview of the Surgical Management of Patients with Cancer and the Pharmacist as a Member of the Team" April 16 for the American Cancer Society in Troy. On April 20, Lodish presented "New Treatments for Epidermoid Carcinoma of the Anus" at a staff meeting at Botsford General Hospital.

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Judy Moore, M.S.W., a second-year osteopathic student, has received a scholarship in emergency medicine from the Michigan chapter of the American College of Emergency Physicians for her externship. She will complete the four weeks in emergency medicine in November and December at a hospital of her choice.

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Milton K. Miller, D.O., clinical professor of osteopathic medicine from Madison Heights, discussed "Carcinoid Apudomas" and "Breast Cancer: An Overview" at the sixteenth annual postgraduate course in surgery at a meeting of the American College of Osteopathic Surgeons meeting in Scottsdale, Arizona April 5-6.

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Gary Roettger, production coordinator and audiovisual technician, has completed the requirements for a first-class radio-telephone license from the Federal Communications Commission.

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R. W. Leader, D.V.M., chairman of the Department of Pathology, presented "Man's Relationship to his Biomedical Ecopartners — A Discussion of Various Aspects of Comparative Medicine" in an all-university lecture at Texas A & M University in Bryan on April 27. Leader will also be conducting the following site visits: May 1 at the University of Oregon for an NIH training grant; May 9-10 at Mississippi State University and May 11 at Louisiana State University for basic research improvement grants for their colleges of veterinary medicine.

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Robert C. Brichton, Ph.D., professor in the Office of Medical Education Research and Development, was a speaker for six seminar panels at the University of Colorado's 31st annual Conference on World Affairs April 9-14. The panels included "Crime, Violence and Terrorism," "The United Nations as a Developmental Agent of the Third World," "Art and Politics," "Unemployment is the Worst Disease," "Foreigners Are Buying America," and "Health in the United States."

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